

FIG. 1

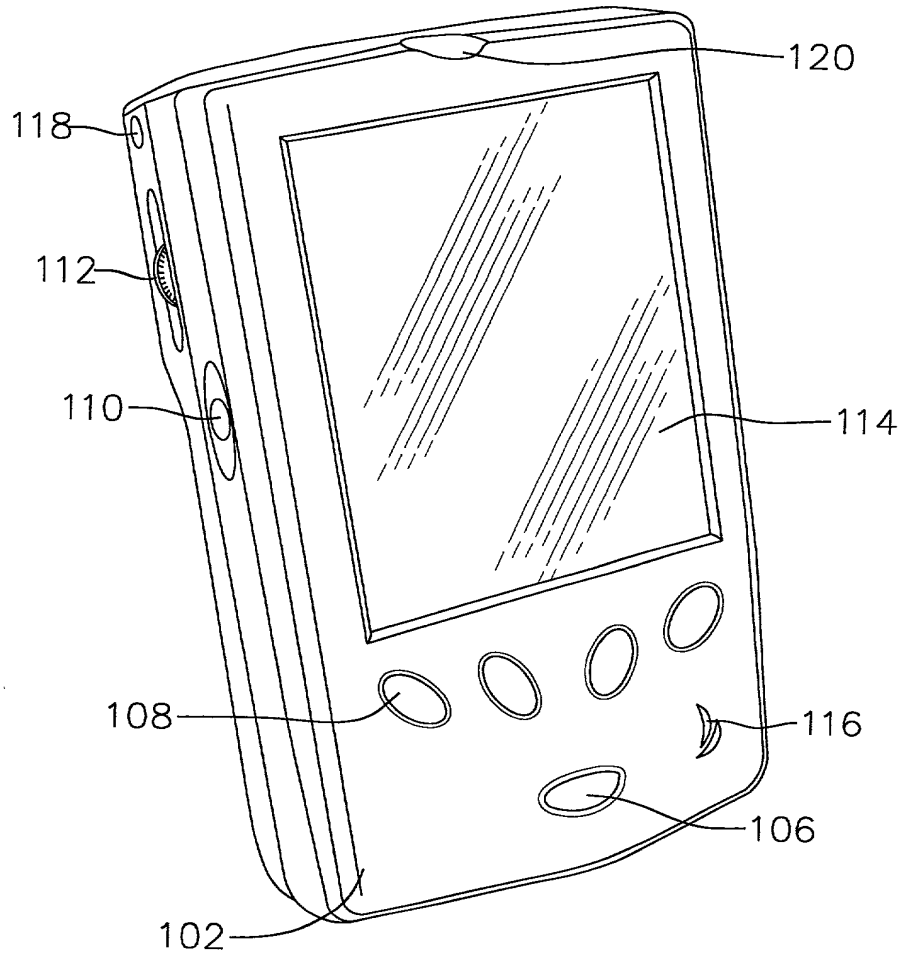
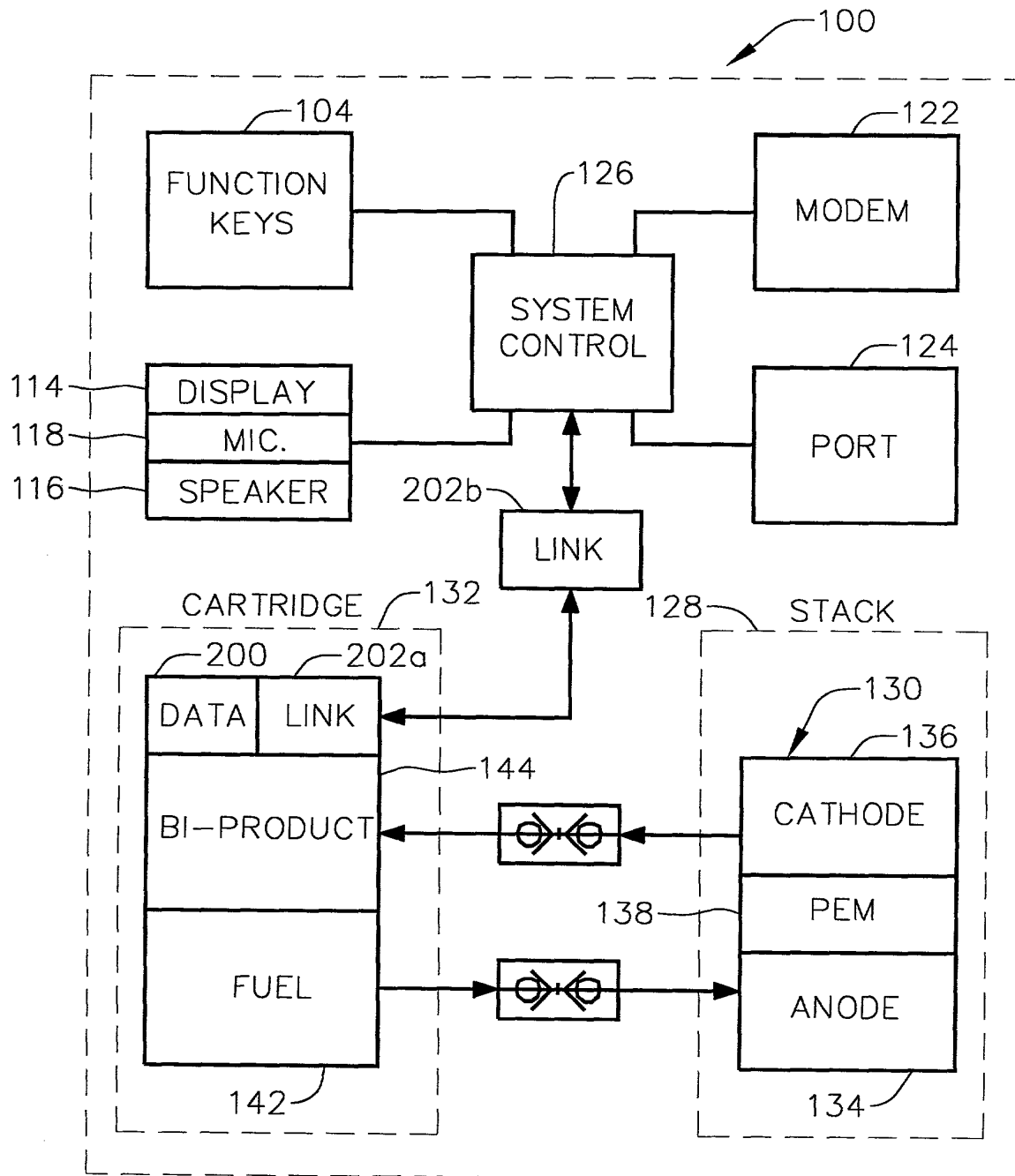


FIG. 2



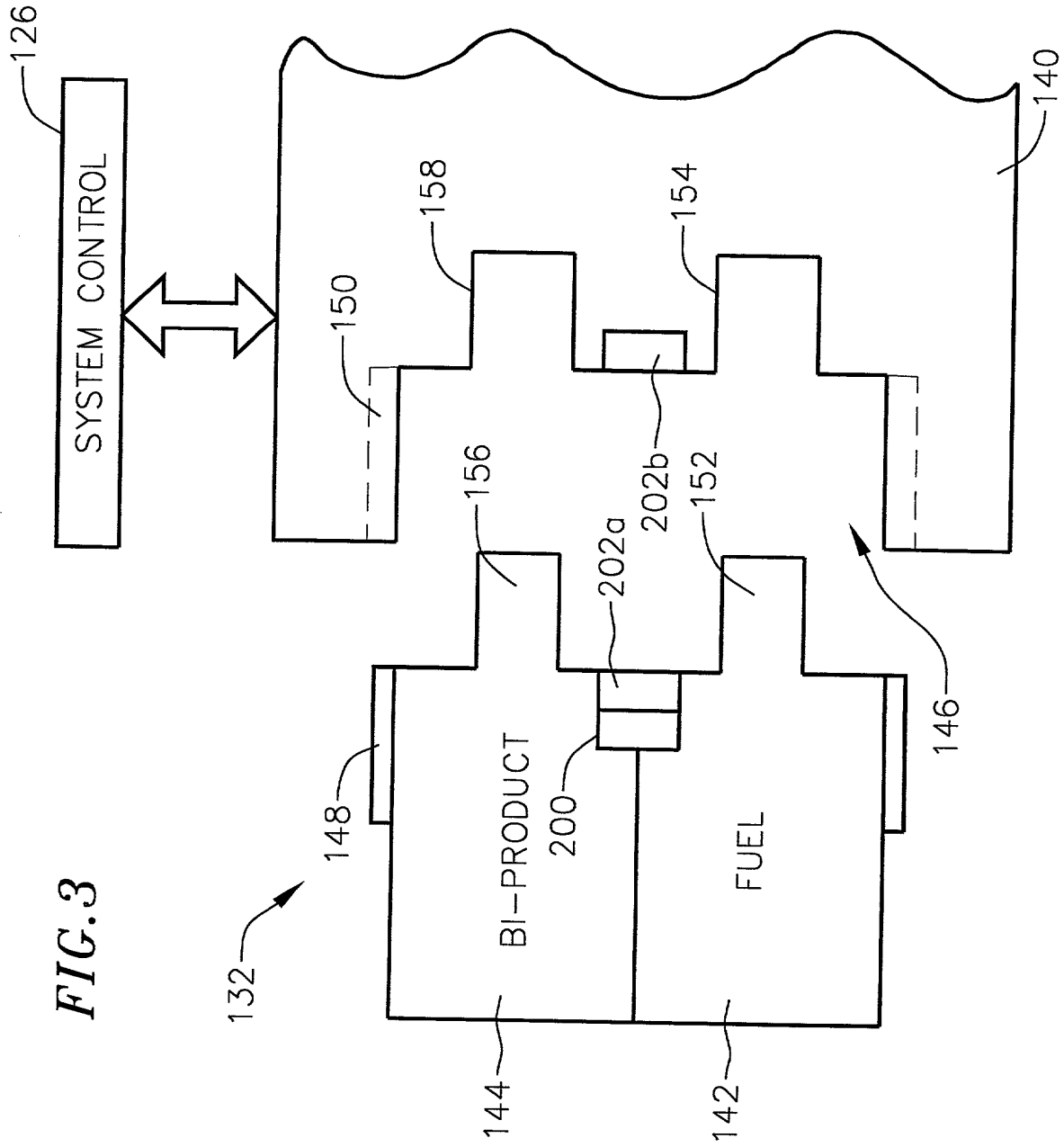


FIG. 4

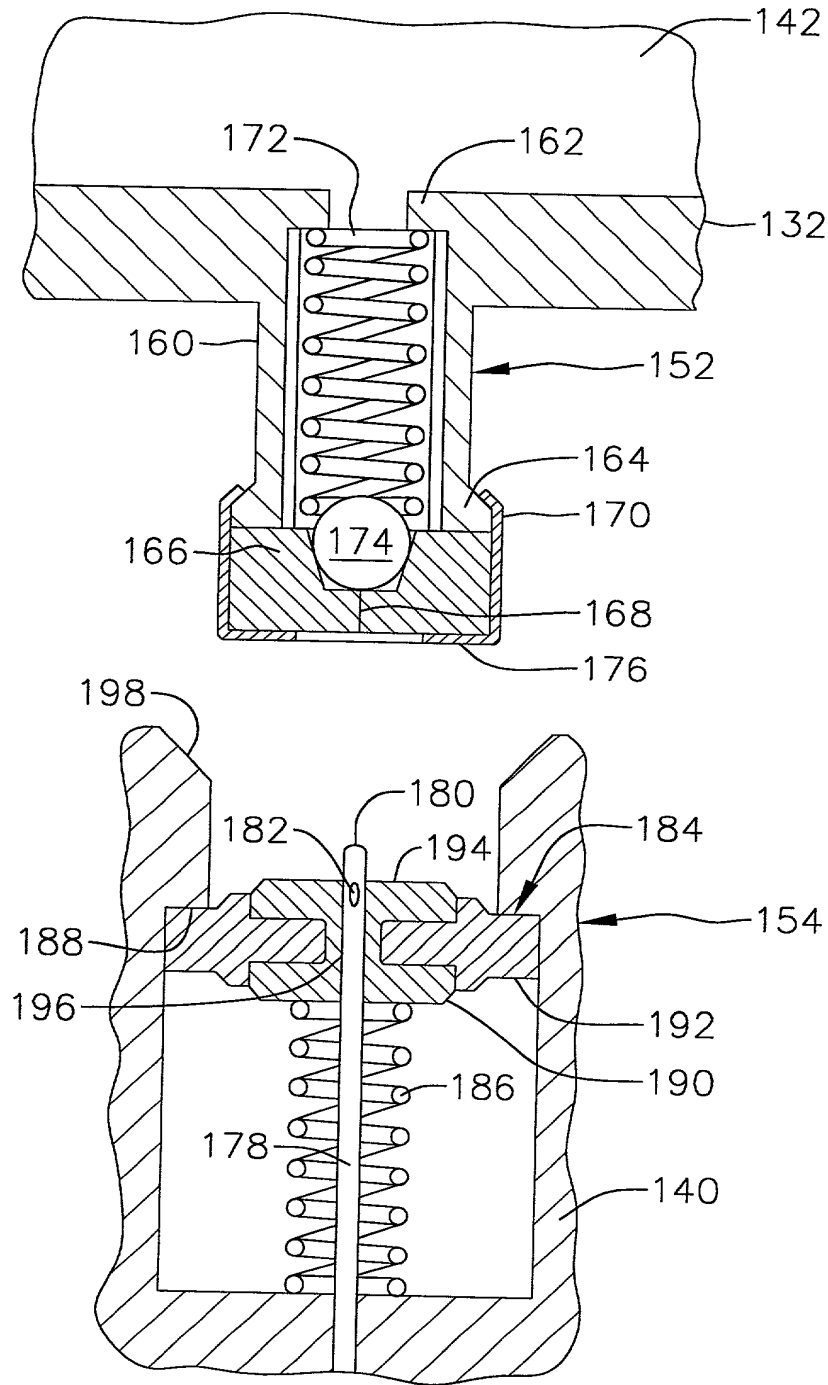
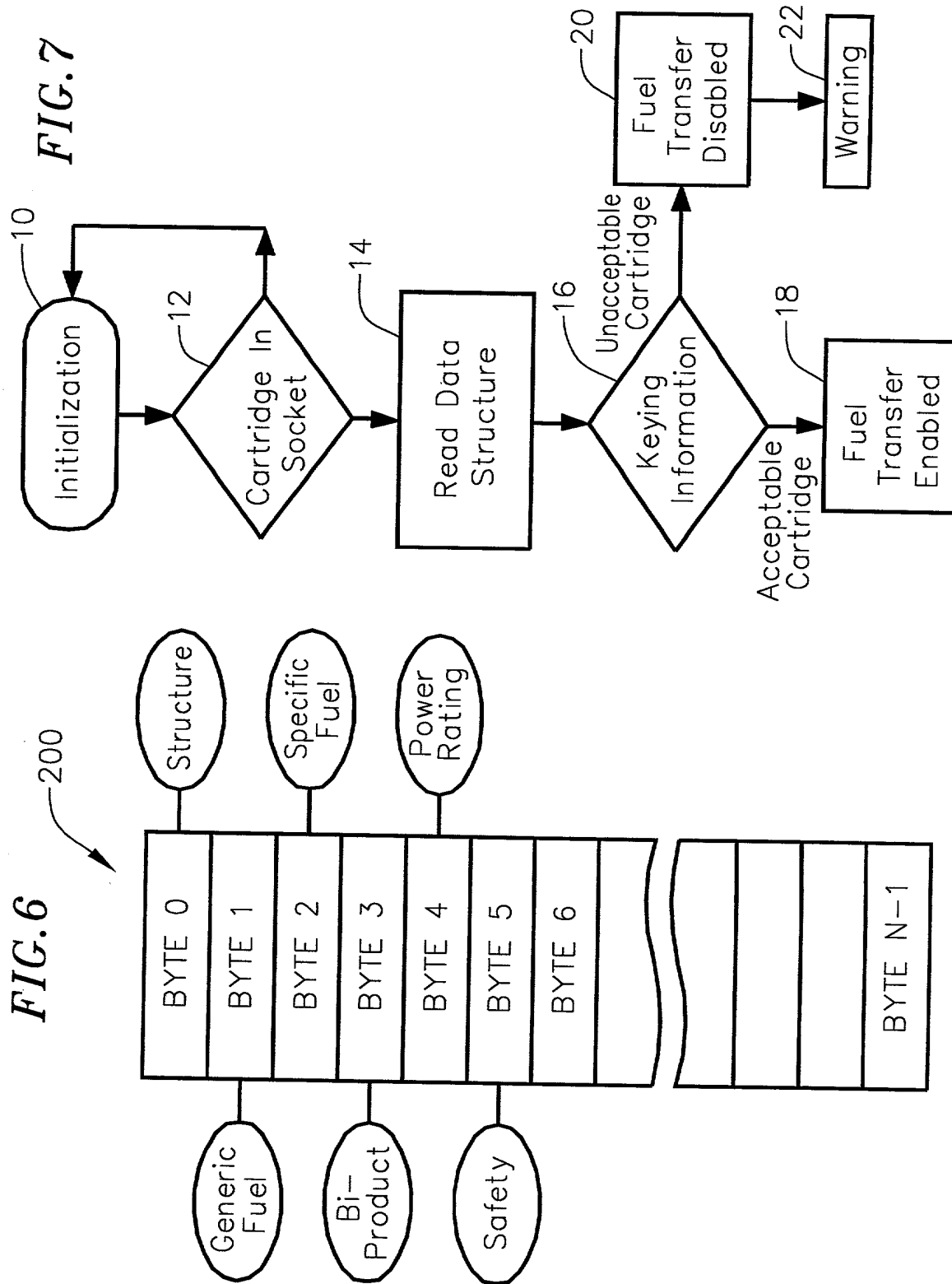


FIG. 1 is a cross-sectional view of a mechanical assembly. The assembly includes a top housing (142) and a bottom housing (140). A central shaft (172) passes through the top housing, with a spring (162) and a piston (174) located within a chamber (152). The piston is connected to a lever arm (166) which is pivoted on a pin (180). The lever arm is connected to a piston rod (178) which passes through the bottom housing. A spring (186) is located within a chamber (190) below the piston rod. Various other components are labeled with reference numerals.



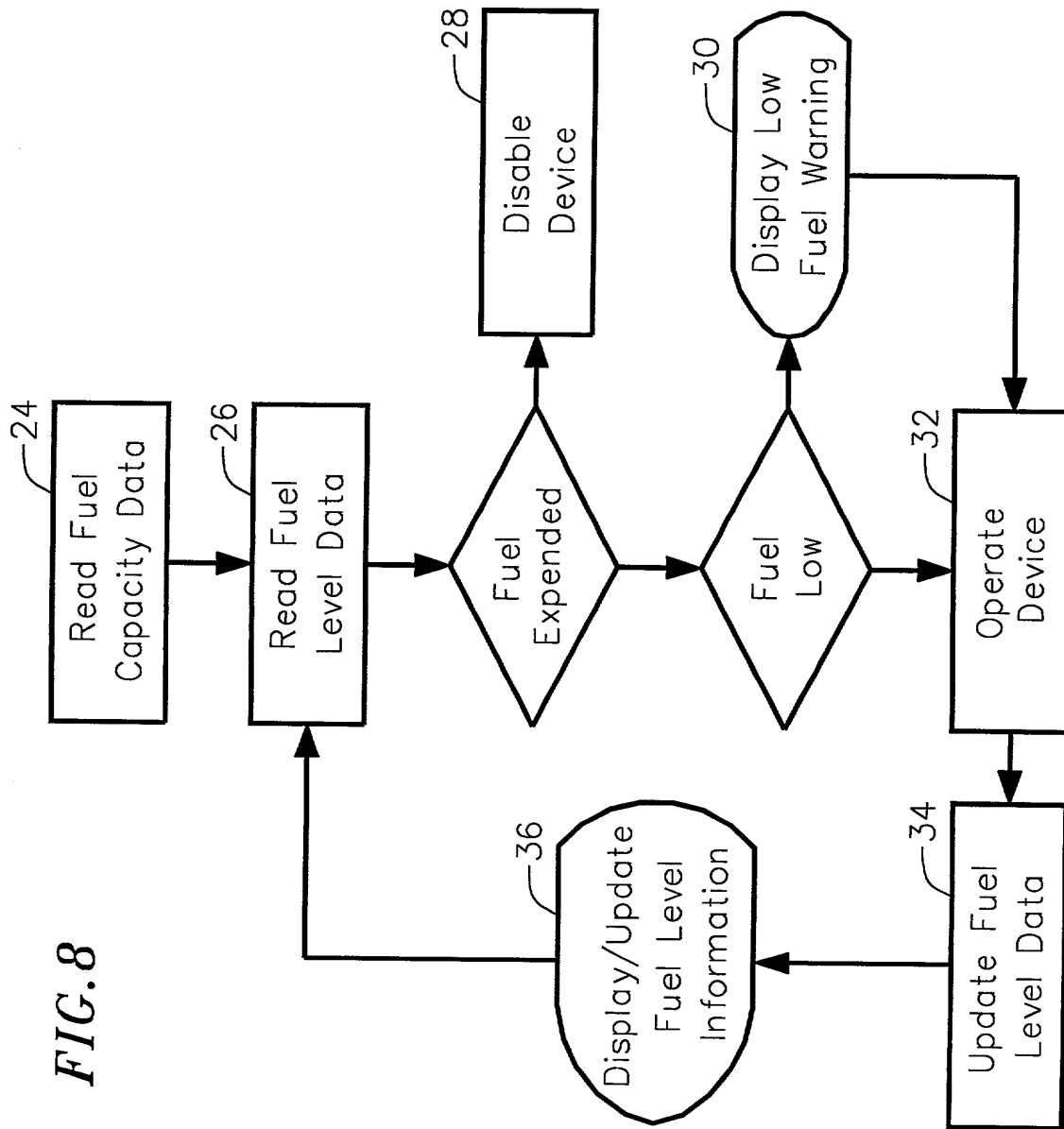
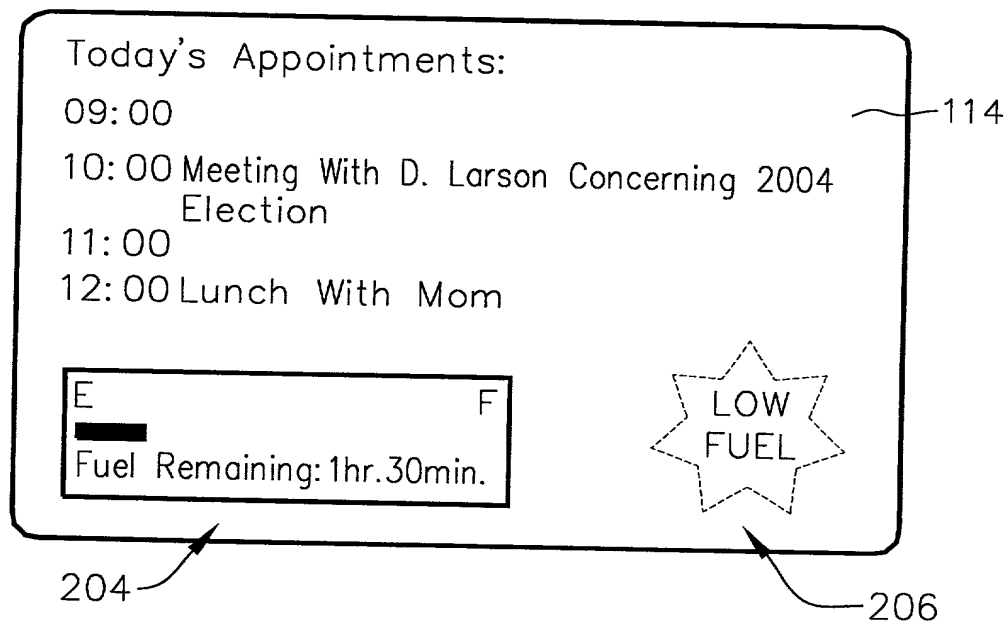


FIG. 9



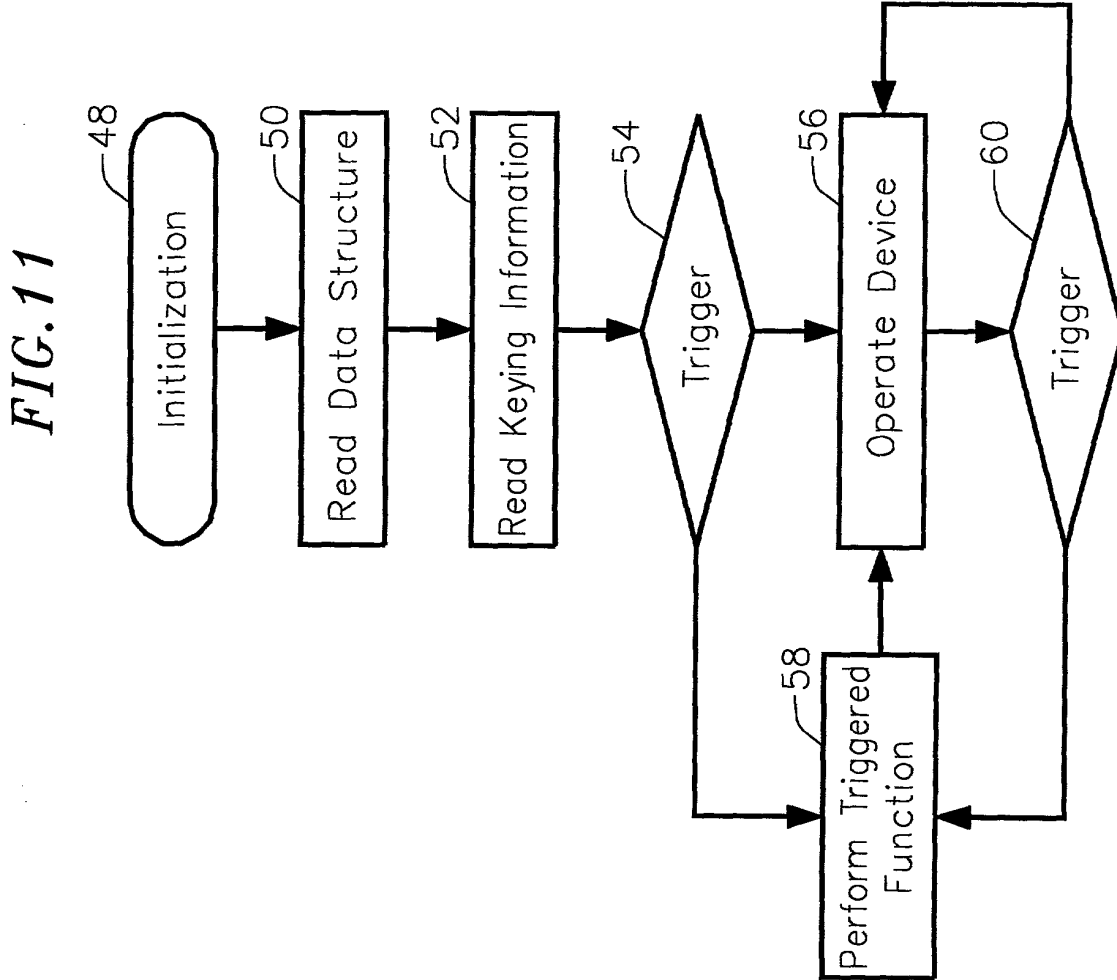
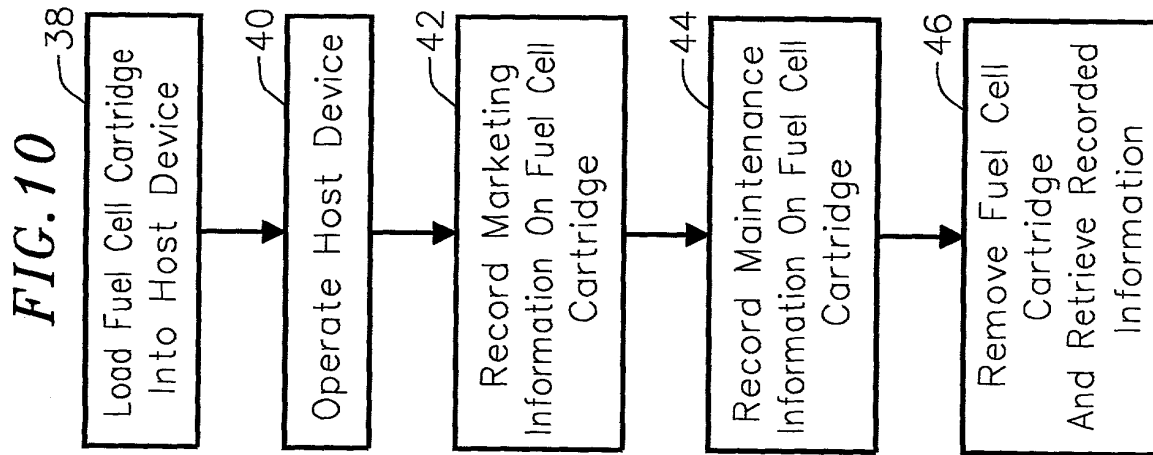


FIG. 12

